

# Search Report

## Office of Patent Information Management

Managing Information to Support Patents

## 

To: Clifford Madamba Location: Knox 4B81

Art Unit: 3695

Date: June 28, 2011 Case Serial Number:

10/757,323

From: Caryn Wesner-Early

Location: El C3600

**KNX 4B59** 

Phone: (571) 272-3543

caryn.wesner-early@uspto.gov

## Search (Co.

#### Dear Examiner Madamba:

Please find attached the results of your search for the above-referenced case. The search was conducted in the template files.

I would have listed references of *potential* interest in the first part of the search results, if there had been any. However, please be sure to scan through the entire report. There may be references that you might find useful which I missed.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

Caryn S. Wesner-Early, MSLS ASRC Technical Information Specialist EIC 3600, US Patent & Trademark Office



١.	INVENTOR SEARCH RESULTS FROM DI ALOG	3
11.	TEXT SEARCH RESULTS FROM DIALOG - PATENTS	9
A.	Abstract Databases - Patents	9
В.	Full-Text Databases - Patents	19
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A.	Abstract Databases - NPL	31
В.	Full-text Databases - NPL	37
I V	. ADDITIONAL RESOURCES SEARCHED	44

## I. Inventor Search Results from Dialog

- ? show files; ds; cost; logoff hold
- File 139: EconLit 1969-2011/May
  - (c) 2011 American Economic Association
- File 583: Gale Group Globalbase(TM) 1986-2002/Dec 13
  - (c) 2002 Gale/Cengage
- File 474: New York Times Abs 1969-2011/Jun 28
  - (c) 2011 The New York Times
- File 475: Wall Street Journal Abs 1973-2011/Feb 14
  - (c) 2011 The New York Times
- File 35: Dissertation Abs Online 1861-2011/May
  - (c) 2011 ProQuest Info&Learning
- File 65:Inside Conferences 1993-2011/Jun 28
  - (c) 2011 BLDSC all rts. reserv.
- File 99: Wilson Appl. Sci & Tech Abs 1983-2011/May
  - (c) 2011 The HW Wilson Co.
- File 256: TecTrends 1982-2011/Apr W1
  - (c) 2011 Info. Sources Inc. All rights res.
- File 2: INSPEC 1898-2011/Jun W3
  - (c) 2011 The IET
- File 634: San Jose Mercury Jun 1985-2011/Jun 26
  - (c) 2011 San Jose Mercury News
- File 610: Business Wire 1999-2011/Jun 28
  - (c) 2011 Business Wire.
- File 613: PR Newswire 1999-2011/Jun 28
  - (c) 2011 PR Newswire Association Inc.
- File 810: Business Wire 1986-1999/Feb 28
  - (c) 1999 Business Wire
- File 813: PR Newswire 1987-1999/Apr 30
  - (c) 1999 PR Newswire Association Inc
- File 20: Dialog Global Reporter 1997-2011/Jun 26
  - (c) 2011 Dialog
- File 626: Bond Buyer Full Text 1981-2008/Jul 07
  - (c) 2008 Bond Buyer
- File 268: Banking Info Source 1981-2011/Jun W3
  - (c) 2011 ProQuest Info&Learning
- File 9: Business & Industry(R) Jul/1994-2011/Jun 27
  - (c) 2011 Gale/Cengage
- File 15:ABI/Inform(R) 1971-2011/Jun 27
  - (c) 2011 ProQuest Info&Learning
- File 16: Gale Group PROMT(R) 1990-2011/Jun 23
  - (c) 2011 Gale/Cengage
- File 148: Gale Group Trade & Industry DB 1976-2011/Jun 24
  - (c) 2011 Gale/Cengage
- File 160: Gale Group PROMT(R) 1972-1989

- (c) 1999 The Gale Group
- File 275: Gale Group Computer DB(TM) 1983-2011/May 05
  - (c) 2011 Gale/Cengage
- File 621: Gale Group New Prod. Annou. (R) 1985-2011/Apr 26
  - (c) 2011 Gale/Cengage
- File 636: Gale Group Newsletter DB(TM) 1987-2011/Jun 24
  - (c) 2011 Gale/Cengage
- File 267: Finance & Banking Newsletters 2008/Sep 29
  - (c) 2008 Dialog
- File 624: McGraw-Hill Publications 1985-2011/Jun 28
  - (c) 2011 McGraw-Hill Co. Inc
- File 625: American Banker Publications 1981-2008/Jun 26
  - (c) 2008 American Banker
- File 120: U.S. Copyrights 1978-2011/Jun 22
  - (c) format only 2011 Dialog
- File 426: LCMARC-Books 1968-2011/Jun W3
  - (c) format only 2011 Dialog
- File 483: Newspaper Abs Daily 1986-2011/Jun 28
  - (c) 2011 ProQuest Info&Learning
- File 347: JAPIO Dec 1976-2011/Mar(Updated 110627)
  - (c) 2011 JPO & JAPIO
- File 348: EUROPEAN PATENTS 1978-201125
  - (c) 2011 European Patent Office
- File 349: PCT FULLTEXT 1979-2011/UB= 20110609 | UT= 20110602
  - (c) 2011 WIPO/Thomson
- File 350: Derwent WPIX 1963-2011/UD= 201139
  - (c) 2011 Thomson Reuters
- File 371: French Patents 1961-2002/BOPI 200209
  - (c) 2002 INPI. All rts. reserv.
- Set Items Description
- S1 8392 AU= (GULER, K? OR GULER K? OR GULER(2N) KEMAL OR TANG, H? OR TANG H? OR TANG(2N) (HSIU-KHUERN OR HSIU OR HSIUKHUERN))
- S2 4081 S1 FROM 347,348,349,350,371
- 2 (MULTIPLE OR MULTI)()(LOT OR LOTS OR ITEM OR ITEMS OR UNIT OR UNITS)(2N)(AUCTION OR AUCTIONS OR AUCTIONING OR COMPETITIV-E()(BUYING OR PURCHAS??? OR BIDDING OR BIDS) OR (TRADING OR M-ATCHING)(2N)(SYSTEM OR SYSTEMS OR SERVICE) OR VENDUE OR VENDUES) OR MULTIAUCTION OR MULTIAUCTIONS
- S4 1 S2 AND S3
- 5 (SEQUENCE OR SEQUENCING OR CLOSING OR TIMING OR SPACING OR (STOP? OR "NOT"(1W)ACCEPT??? OR END??? OR CONCLUD???)(1N)(BID OR BIDS OR BIDDING OR OFFER??? OR PROFFER? ?))(2N)(RULE OR RULES OR PROCEDURE OR PROCEDURES OR PROTOCOL OR PROTOCOLS OR POLICY OR POLICIES OR ROUTINE? ?)
- S6 5 S2 AND S5
- S7 5 S4 OR S6
- S8 4311 S1 NOT S2

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S9 1 S3 AND S8
S10 0 S5 AND S8
S11 2 S8 AND ((LOSS OR RISK OR RISKS OR VOLATIL?)(2N)(TOLERAN?? - OR TOLERAT??? OR AVERS??? OR AVERSENESS) OR CARA)
```

S12 3 S9 OR S11

S13 3 RD (unique items)

S14 8 S7 OR S13

14/AA,AN,AZ,AU,TI/1 (Item 1 from file: 35)

DIALOG(R) File 35:(c) 2011 ProQuest Info&Learning. All rts. reserv. 02050282

Insider trading with information leakage and voluntary information release Author: Tang, Huarong

14/AA,AN,AZ,AU,TI/2 (Item 2 from file: 35)

DIALOG(R) File 35:(c) 2011 ProQuest Info&Learning. All rts. reserv. 01788085

Three essays on continuous time finance

Author: Tang, Hua (Alex)

14/AA,AN,AZ,AU,TI/3 (Item 1 from file: 2)

DIALOG(R) File 2:(c) 2011 The IET. All rts. reserv.

11839202

Title: Bidding languages and supplier selection for procurement markets with economies of scale and scope

Author(s): Schneider, S. 1; Sayal, M. 2; Bichler, M. 1; Guler, K. 2

Editor(s): Hofreiter, B.; Werthner, H.

14/AA,AN,AZ,AU,TI/4 (Item 1 from file: 349)

DIALOG(R) File 349:(c) 2011 WIPO/Thomson. All rts. reserv.

01346121

INTEGRATED CIRCUIT YIELD AND QUALITY ANALYSIS METHODS AND SYSTEMS PROCEDES ET SYSTEMES D'ANALYSE ET DE PRODUCTION DE CIRCUITS INTEGRES Patent Applicant/Inventor:

TANG Huaxing, 6925 SW Wilsonville Road, Apt. # 171, Wilsonville, OR

14/AA,AN,AZ,AU,TI/5 (Item 2 from file: 349)

DIALOG(R) File 349:(c) 2011 WIPO/Thomson. All rts. reserv.

01293781

INTERMEDIATE LAYOUT FOR RESOLUTION ENHANCEMENT IN SEMICONDUCTOR FABRICATION

TRACE INTERMEDIAIRE PERMETTANT D'AMELIORER LA RESOLUTION DANS LA FABRICATION DE SEMI-CONDUCTEURS

#### Patent Applicant/Inventor:

TANG Hongbo, 6691 Prospect Road, San Jose, ca 95129, US, US

14/AA,AN,AZ,AU,TI/6 (Item 1 from file: 350)

DIALOG(R) File 350:(c) 2011 Thomson Reuters. All rts. reserv.

0019662893

WPI ACC NO: 2009-Q37185/

Method for utilizing single interaction to send multiple requirements, involves organizing response result of interface by server, and arranging response data according to single functional requirements of protocol specification Original Titles:

Method for using once interaction to send plural requirements Local Applications (No Type Date): CN 200810103861 A 20080411 Priority Applications (no., kind, date): CN 200810103861 A 20080411

14/AA,AN,AZ,AU,TI/7 (Item 2 from file: 350)

DIALOG(R) File 350:(c) 2011 Thomson Reuters. All rts. reserv.

0017417503

WPI ACC NO: 2008-C37941/

Chinese character's shape and sound inputting method for mobile phone or digital keyboard, involves dividing letter according to sequence rule of shape and sound, and providing first letter of character Pinyin as code element

rule of shape and sound, and providing first letter of character Pinyin as code element Original Titles:

Shape and sound Chinese character input method

Local Applications (No Type Date): CN 200710014762 A 20070514; CN

200710014762 A 20070514

Priority Applications (no., kind, date): CN 200710014762 A 20070514

14/AA,AN,AZ,AU,TI/8 (Item 3 from file: 350)

DIALOG(R) File 350:(c) 2011 Thomson Reuters. All rts. reserv.

0015181954

WPI ACC NO: 2005-531546/

Sequencing rules evaluation method for multiple lot auction, involves comparing multiple lot auctions simulated using sequencing rule and different sequencing rule independently until bidding on all lots is closed Original Titles:

System and method for comparing results of multiple lot auctions using different sequencing rules
Local Applications (No Type Date): US 2004757323 A 20040114

Priority Applications (no., kind, date): US 2004757323 A 20040114

14/3,K/3 (Item 1 from file: 2) DIALOG(R)File 2:INSPEC (c) 2011 The IET. All rts. reserv.

#### 11839202

Title: Bidding languages and supplier selection for procurement markets with economies of scale and scope

Author(s): Schneider, S. 1; Sayal, M. 2; Bichler, M. 1; Guler, K. 2

Affiliation(s): 1. Tech. Univ. Munchen, Munich, Germany

2. Hewlett Packard Labs., CA, USA

Email: schneist@in.tum.de; Mehmet.Sayal@hp.com; bichler@in.tum.de;

Kemal.Guler@hp.com

Publication Date: 2009

Inclusive Page Numbers: 1-7 Publisher: IEEE, Piscataway, NJ Country of Publication: USA

Conference Title: 2009 IEEE Conference on Commerce and Enterprise Computing

Conference Date: 20-23 July 2009 Conference Location: Vienna, Austria

Conference Sponsor: Vienna Univ. Technol.

Editor(s): Hofreiter, B.; Werthner, H.

ISBN: 978-0-7695-3755-9

U.S. Copyright Clearance Center Code: 978-0-7695-3755-9/09/\$25.00

Item Identifier (DOI): http://dx.doi.org/10.1109/CEC.2009.42

Number of Pages: xiii+527

Language: English

Subfile(s): C (Computing & Control Engineering); D (Information Technology for Business)

INSPEC Update Issue: 2009-036

Copyright: 2009, The Institution of Engineering and Technology

Abstract: ...designed for single units of each item only and cannot easily

be extended to the multi-unit case. Auction designs

for markets with economies of scale are much less well understood, they require new...

14/3,K/8 (Item 3 from file: 350)
DIALOG(R)File 350: Derwent WPIX

(c) 2011 Thomson Reuters. All rts. reserv.

0015181954 - Drawing available WPI ACC NO: 2005-531546/200554

XRPX Acc No: N2005-435142

Sequencing rules evaluation method for multiple lot auction, involves comparing multiple lot auctions

simulated using sequencing rule and different sequencing

ruse independently until bidding on all lots is closed Patent Assignee: GULER K (GULE-I); TANG H (TANG-I)

Inventor: GULER K: TANG H

Patent Family (1 patents, 1 countries)

Patent Application

Number Kind Date Number Kind Date Update US 20050154667 A1 20050714 US 2004757323 A 20040114 200554 B Priority Applications (no., kind, date): US 2004757323 A 20040114 Patent Details

Number Kind Lan Pg Dwg Filing Notes US 20050154667 A1 EN 8 5 Original Titles:

System and method for comparing results of multiple lot auctions using different sequencing rules

Alerting Abstract ...NOVELTY - The multiple lot auction is simulated using next set of bids received from bidders and sequencing rule until simulated bidding on all lots is closed. The multiple lot auction is simulated using different sequencing rule until bidding on all lots is closed, so as to compare results of simulated auctions with both sequencing rules. ...storage medium storing sequencing rules evaluating program; and system for evaluating sequencing rules.

... USE - For evaluating sequencing rules for multiple lot auction of goods and services...

...ADVANTAGE - Evaluates sequencing rules for multiple lot auctions efficiently, thereby providing optimal strategy for implementing the auction...

...DESCRIPTION OF DRAWINGS - The figure shows a block diagram of sequencing rules evaluation system.

Examiner:

Original Abstracts:

A system and method comprises simulating a multiple lot auction using a sequencing rule until bidding on all lots is closed, simulating the multiple lot auction using a different sequencing rule until bidding on all lots is closed, and comparing results of the simulated auctions with both sequencing rules. Claims:

<b>1</b>. A method of evaluating sequencing rules for a multiple lot auction, comprising:obtaining a next set of bids from a plurality of simulated bidders; simulating the multiple lot auction using the next set of bids and a sequencing rule until simulated bidding on all lots is closed; simulating the multiple lot auction using a different sequencing rule until bidding on all lots is closed; and comparing results of the simulated auctions with both sequencing rules.

## II. <u>Text Search Results from Dialog - Patents</u>

#### A. Abstract Databases - Patents

? show files; ds; cost; logoff hold

File 347: JAPIO Dec 1976-2011/Mar(Updated 110627)

(c) 2011 JPO & JAPIO

File 350: Derwent WPIX 1963-2011/UD= 201139

(c) 2011 Thomson Reuters

File 371: French Patents 1961-2002/BOPI 200209

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#### Set Items Description

- 32 (MULTIPLE OR MULTI)()(LOT OR LOTS OR ITEM OR ITEMS OR UNIT OR UNITS)(2N)(AUCTION OR AUCTIONS OR AUCTIONING OR COMPETITIV-E()(BUYING OR PURCHAS??? OR BIDDING OR BIDS) OR (TRADING OR M-ATCHING)(2N)(SYSTEM OR SYSTEMS OR SERVICE) OR VENDUE OR VENDUES) OR MULTIAUCTION OR MULTIAUCTIONS
- 1 (SEQUENCE OR SEQUENCING OR CLOSING OR TIMING OR SPACING OR (STOP? OR "NOT"(1W)ACCEPT??? OR END??? OR CONCLUD???)(1N)(BID OR BIDS OR BIDDING OR OFFER??? OR PROFFER? ?))(2N)(RULE OR RULES OR PROCEDURE OR PROCEDURES OR PROTOCOL OR PROTOCOLS OR POLICY OR POLICIES OR ROUTINE? ?)
- S3 22 SECOND OR 2ND OR ANOTHER OR GREATER OR LARGER OR BIGGER OR SMALLER OR HIGHER OR LOWER OR LESS OR DIFFERENT
- S4 15 UTILITY OR USEFUL OR USEFULNESS OR VALUE OR VALUABLE OR WO-
- 31 CALCULAT??? OR FIGUR??? OR COMPUTE OR COMPUTED OR COMPUTES OR COMPUTING OR QUANTIF? OR FORMULA? ? OR EQUATION OR EQUATIONS OR FUNCTION OR FUNCTIONS OR PARAMETRIC OR BASED OR DERIV? OR ACCORDING?? OR DETERMINED?? OR CORRELAT??? OR ASSOCIATED OR SUGGESTED OR DEPEND???
- 0 (LOSS OR RISK OR RISKS OR VOLATIL?)(2N)(TOLERAN?? OR TOLER-AT??? OR AVERS??? OR AVERSENESS) OR CARA
- S7 1 S1(5N)S2
- S8 0 S3(3W)S4
- S9 0 S5(3N)S6
- S10 0 S7(S)S8(S)S9
- 6 SEQUENCE OR SEQUENCING OR CLOSING OR TIMING OR SPACING OR (STOP? OR "NOT"(1W)ACCEPT??? OR END??? OR CONCLUD???)(1N)(BID OR BIDS OR BIDDING OR OFFER??? OR PROFFER? ?)
- 512 7 SEQUENCE OR SEQUENCING OR CLOSING OR TIMING OR SPACING OR (STOP? OR "NOT"(2N) ACCEPT??? OR END??? OR CONCLUD???)(5N)(BID OR BIDS OR BIDDING OR OFFER??? OR PROFFER? ?)
- S13 7 IDPAT (sorted in duplicate/non-duplicate order)
- S14 7 IDPAT (primary/non-duplicate records only)

14/AN, AZ, TI/1 (Item 1 from file: 350)

DIALOG(R) File 350:(c) 2011 Thomson Reuters. All rts. reserv.

0021360818

Computer implemented demand amalgamation method used in online auction, involves awarding one item which is associated with winning bid, to winning bidder through online auction management system

Original Titles:

DEMAND AMALGAMATION FOR ONLINE AUCTIONS

Local Applications (No Type Date): US 2009491071 A 20090624

Priority Applications (number, kind, date): US 2009491071 A 20090624

14/AN, AZ, TI/2 (Item 2 from file: 350)

 $\mathsf{DIALOG}(\mathsf{R})\mathsf{File}\ 350:(c)\ 2011\ \mathsf{Thomson}\ \mathsf{Reuters}.\ \mathsf{All}\ \mathsf{rts}.\ \mathsf{reserv}.$ 

0020915428

Singular price bond auction method, involves selecting predetermined drainage of auction quantity based on top priority bid of bidding information, connecting bidder terminal to credit issuer terminal, and deciding successful bidder

Original Titles:

Bond auction method and device

The single value valence claim auction method and apparatus which has a nominal price publication presentation system and a bid round extension rule Singular price bond auction method and apparatus having the bidding price public form and bid round extension regulation.

METHOD AND APPARATUS FOR A UNIFORM-PRICE BOND AUCTION WITH AN OPEN OUTCRY FORMAT AND AN EXTENDIBLE ROUND RULE

PROCEDE ET APPAREIL POUR VENTE AUX ENCHERES D'OBLIGATIONS A PRIX UNIFORME, AVEC UN FORMAT OUVERT DE MARCHE A LA CRIEE ET UNE REGLE EXTENSIBLE DE NOMBRE DE TOURS

Local Applications (No Type Date): KR 2009102559 A 20091028; WO 2010KR6141 A 20100909; JP 2010213749 A 20100924; CN 201010529551 A 20101028

Priority Applications (number, kind, date): KR 2009102559 A 20091028

14/AN,AZ,TI/3 (Item 3 from file: 350)

DIALOG(R) File 350:(c) 2011 Thomson Reuters. All rts. reserv.

0016761871

Auction conducting method for computer system involves establishing cyclical auctions individually having commerce category and cycle to specify cycle times at which lots are to be auctioned Original Titles:

Cyclical auction system supporting variable termination

AUCTION SYSTEM SUPPORTING ELASTIC AUCTIONS

SYSTEME D'ENCHERES CYCLIQUES A CLOTURE VARIABLE

Local Applications (No Type Date): WO 2006US41437 A 20061023; US 2005729502 P 20051021; US 2006813493 P 20060613; US 2006585786 A

20061023; US 2005729502 P 20051021; US 2006813493 P 20060613; US 2006585786 A 20061023; US 2008110160 A 20080425; US 2008111163 A 20080428; WO 2006US41437 A 20061023

Priority Applications (number, kind, date): US 2005729502 P 20051021; US 2006813493 P 20060613; US 2006585786 A 20061023; US 2008110160 A 20080425; US 2008111163 A 20080428

14/AN, AZ, TI/4 (Item 4 from file: 350)

DIALOG(R) File 350:(c) 2011 Thomson Reuters. All rts. reserv. 0015181954

Sequencing rules evaluation method for multiple lot auction, involves comparing multiple lot auctions simulated using sequencing rule and different sequencing rule independently until bidding on all lots is closed Original Titles:

System and method for comparing results of multiple lot auctions using different sequencing rules

Local Applications (No Type Date): US 2004757323 A 20040114 Priority Applications (number, kind, date): US 2004757323 A 20040114

14/AN, AZ, TI/5 (Item 5 from file: 350)

DIALOG(R) File 350:(c) 2011 Thomson Reuters. All rts. reserv. 0013342022

Online auctioning method for multiple similar items, involves determining winning bids based on number of items available for auction, and lowest winning bid amount is determined as final selling price Original Titles:

Method for the online auctioning of multiple items
Local Applications (No Type Date): US 2001947884 A 20010906
Priority Applications (number, kind, date): US 2001947884 A 20010906

14/AN, AZ, TI/6 (Item 6 from file: 350)

DIALOG(R)File 350:(c) 2011 Thomson Reuters. All rts. reserv. 0011194089

Computer implemented method for auctioning of items e.g. electric power and commodity items, involves communicating price vector to bidders and receiving bids based on which auction is continued Original Titles:

SYSTEM AND METHOD FOR AN AUCTION OF MULTIPLE TYPES OF ITEMS System und Verfahren fur eine leistungsfahige und dynamische Auktion von mehreren Gegenstanden

System and method for an efficient dynamic multi-unit auction
Systeme et methode pour une enchere multiple dynamique et efficace
SYSTEM UND VERFAHREN FUR EINE AUKTION MEHRERER ARTEN VON POSTEN
SYSTEME ET PROCEDE D'ENCHERES POUR DES ARTICLES DE TYPES MULTIPLES
Local Applications (No Type Date): EP 2001305804 A 20010705; US

2000573007 A 20000518; US 2000216338 P 20000705; US 2000229600 P

#### < removed unnecessary information>

2011987817 A 20110110

Priority Applications (number, kind, date): US 2000573007 A 20000518; US 2000216338 P 20000705; US 2000229600 P 20000905; US 2000299600 P 20000905; US 2001293510 P 20010529; US 2001294246 P 20010531; US 2001898483 A 20010705; US 2004467868 A 20040209; US 2007622660 A 20070112; US 2008334955 A 20081215; US 2011987817 A 20110110

14/AN,AZ,TI/7 (Item 7 from file: 350)
DIALOG(R)File 350:(c) 2011 Thomson Reuters. All rts. reserv.
0010034010

Online bidding auction conducting method, involves extending closing time of secondary lot, when extended closing time of primary lot precedes that of secondary lot by less than preset time interval Original Titles:

VERFAHREN UND SYSTEM ZUR ELEKTRONISCHEN AUKTIONSDURCHFUHRUNG METHOD AND SYSTEM FOR CONDUCTING ELECTRONIC AUCTIONS
PROCEDE ET SYSTEME POUR CONDUIRE DES VENTES AUX ENCHERES ELECTRONIQUES Method and system for dynamically controlling overtime in electronic auctions Method and system for handling disruptions in the management of electronic auctions Method and system for controlling an electronic auction during the transition to a closed state

#### < removed unnecessary information>

PROCEDE ET SYSTEME POUR CONDUIRE DES VENTES AUX ENCHERES ELECTRONIQUES Local Applications (No Type Date): WO 1999US21600 A 19990917; AU 199963929 A 19990917; US 1998101141 P 19980918; US 1998110846 P

#### < removed unnecessary information>

2000753329 A 20001229; US 2007981832 A 20071030
Priority Applications (number, kind, date): US 1998101141 P 19980918; US 1998101141 P 19980918; US 1998110846 P 19981204; US 1999252790 A 19990219; US 1999282157 A 19990331; US 1999311555 A 19990514; US 1999311556 A 19990514; US 1999311557 A 19990514; US 1999311558 A 19990514; US 1999311559 A 19990514; US 1999311582 A 19990514; US 2000490868 A 20000124; US 2000753074 A 20001229; US 2000753329 A 20001229; US 2001828731 A 20010409; US 2001832381 A 20010411; US 2001832408 A 20010411; US 2001832437 A 20010411; US 2006500823 A 20060807; US 2007974523 A 20071011; US 2007980099 A 20071030; US 2007980100 A 20071030; US 2007980136 A 20071030; US 2007980296 A 20071030; US 2007981832 A 20071030; US 2007982342 A 20071031; US 2007982388 A 20071031

14/3,K/3 (Item 3 from file: 350) DIALOG(R)File 350: Derwent WPIX

(c) 2011 Thomson Reuters. All rts. reserv.

0016761871 - Drawing available WPI ACC NO: 2007-476939/200746 Related WPI Acc No: 2005-514225 XRPX Acc No: N2007-362513

Auction conducting method for computer system involves establishing cyclical auctions individually having commerce category and cycle to

specify cycle times at which lots are to be auctioned

Patent Assignee: MULLENDORE R G (MULL-I); PATH-WISE CORP (PATH-N)

Inventor: MULLENDORE R G

Patent Family (4 patents, 116 countries)

Patent Application

Number Kind Date Number Kind Date Update

WO 2007048060 A2 20070426 WO 2006US41437 A 20061023 200746 B US 20070100738 A1 20070503 US 2005729502 P 20051021 200746 E

US 2006813493 P 20060613 US 2006585786 A 20061023

US 20080262943 A1 20081023 US 2005729502 P 20051021 200872 E

US 2006813493 P 20060613 US 2006585786 A 20061023 US 2008110160 A 20080425 US 2008111163 A 20080428

WO 2007048060 A3 20090528 WO 2006US41437 A 20061023 200935 E Priority Applications (number, kind, date): US 2005729502 P 20051021; US 2006813493 P 20060613; US 2006585786 A 20061023; US 2008110160 A 20080425; US 2008111163 A 20080428

Patent Details

Number Kind Lan Pg Dwg Filing Notes

WO 2007048060 A2 EN 47 17

National Designated States, Original: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MY MZ NA NG NI NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Regional Designated States, Original: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU LV MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

US 20070100738 A1 EN Related to Provisional US 2005729502

Related to Provisional US 2006813493

US 20080262943 A1 EN Related to Provisional US 2005729502

Related to Provisional US 2006813493 C-I-P of application US 2006585786 C-I-P of application US 2008110160

WO 2007048060 A3 EN

National Designated States, Original: AE AG AL AM AT AU AZ BA BB BG BR BW

BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MY MZ NA NG NI NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW Regional Designated States, Original: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU LV MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

#### Claims:

...and when the auction closes, designating as winning bids those bids pending at the time closing whose fractions total not more than the quantity of items in the fractionated lot.

14/3,K/4 (Item 4 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0015181954 - Drawing available WPI ACC NO: 2005-531546/200554

XRPX Acc No: N2005-435142

Sequencing rules evaluation method for multiple lot auction, involves comparing multiple lot auctions simulated using sequencing rule and different sequencing rule independently until bidding on all lots is closed

Patent Assignee: GULER K (GULE-I); TANG H (TANG-I)

Inventor: GULER K; TANG H

Patent Family (1 patents, 1 countries)
Patent Application

Number Kind Date Number Kind Date Update
US 20050154667 A1 20050714 US 2004757323 A 20040114 200554 B
Priority Applications (number, kind, date): US 2004757323 A 20040114

Patent Details

Number Kind Lan Pg Dwg Filing Notes

US 20050154667 A1 EN 8 5

Original Titles:

System and method for comparing results of multiple lot auctions using different sequencing rules

Alerting Abstract ... The multiple lot auction is simulated using next set of bids received from bidders and sequencing rule until simulated bidding on all lots is closed. The multiple lot auction is simulated using different sequencing rule until bidding on all lots is closed, so as to compare results of simulated auctions with both sequencing rules. ...storage medium storing sequencing rules evaluating program; and system for evaluating sequencing rules...

... USE - For evaluating sequencing rules for multiple lot auction of goods and services...

...ADVANTAGE - Evaluates sequencing rules for multiple lot auctions efficiently, thereby providing optimal strategy for implementing the auction...

...DESCRIPTION OF DRAWINGS - The figure shows a block diagram of sequencing rules evaluation system.

Original Abstracts:

A system and method comprises simulating a multiple lot auction using a sequencing rule until bidding on all lots is closed, simulating the multiple lot auction using a different sequencing rule until bidding on all lots is closed, and comparing results of the simulated auctions with both sequencing rules.

Claims:

<br/><b> 1</b>. A method of evaluating sequencing rules for a multiple lot auction, comprising: obtaining a next set of bids from a...

...simulated bidders; simulating the multiple lot auction using the next set of bids and a sequencing rule until simulated bidding on all lots is closed; simulating the multiple lot auction using a different sequencing rule until bidding on all lots is closed; and comparing results of the simulated auctions with both sequencing rules.

```
14/3,K/7
           (Item 7 from file: 350)
DIALOG(R)File 350: Derwent WPIX
(c) 2011 Thomson Reuters. All rts. reserv.
0010034010 - Drawing available
WPI ACC NO: 2000-338804/200029
Related WPI Acc No: 2001-080053; 2001-522234; 2001-557232; 2001-625024;
 2001-625482; 2002-040740; 2002-040793; 2002-082236; 2002-425396;
 2002-462534; 2002-589837; 2008-E46051; 2008-G53355; 2008-H89769;
 2008-J47598; 2008-O15321
Online bidding auction conducting method, involves extending closing
time of secondary lot, when extended closing time of primary lot
precedes that of secondary lot by less than preset time interval
Patent Assignee: ALAIA M (ALAI-I); ARIBA INC (ARIB-N); BECKER D J
 (BECK-I); BERNARD A F (BERN-I); FREE MARKETS ONLINE INC (FREE-N);
 FREEMARKETS INC (FREE-N); FREEMARKETS ONLINE INC (FREE-N); HECKMANN D C
 (HECK-I); KINNEY S E (KINN-I); MEAKEM G T (MEAK-I); RAGO V F (RAGO-I);
 RENEAU J (RENE-I); ROBERTS F W (ROBE-I); RUPP W D (RUPP-I); STEVENS R
 G (STEV-I)
Inventor: ABESHOUSE D; ALAIA M; ATKINSON S W; BECKER D J; BERNARD A F;
```

nventor: ABESHOUSE D; ALAIA M; ATKINSON S W; BECKER D J; BERNARD A F; HARRIGAL K A; HECKMANN D C; KINNEY S E; LANG R B; LEVIS J P; MEAKAM G T; MEAKEM G T; RAGO V E; RAGO V F; RENEAU J; RENEAU J W; ROBERTS F W; RUPP W D; STEVENS R G; WAGNER D R; BWECKER D J; RUPP E D

Patent Family (38 patents, 88 countries)

Patent Application

Number Kind Date Number Kind Date Update
WO 2000017797 A1 20000330 WO 1999US21600 A 19990917 200029 B
AU 199963929 A 20000410 AU 199963929 A 19990917 200035 E
US 6199050 B1 20010306 US 1998101141 P 19980918 200115 E

US 1998110846 P 19981204 US 1999252790 A 19990219 US 1999311556 A 19990514

#### < removed unnecessary information>

US 2007982388 A 20071031

US 7870034 B2 20110111 US 1998101141 P 19980918 201106 E

US 1998110846 P 19981204 US 1999252790 A 19990219 US 1999282157 A 19990331 US 2000753329 A 20001229 US 2007981832 A 20071030

Priority Applications (no., kind, date): US 1998101141 P 19980918; US 1998101141 P 19980918; US 1998110846 P 19981204; US 1999252790 A 19990219; US 1999282157 A 19990331; US 1999311555 A 19990514; US 1999311556 A 19990514; US 1999311557 A 19990514; US 1999311558 A 19990514; US 1999311559 A 19990514; US 1999311582 A 19990514; US 2000490868 A 20000124; US 2000753074 A 20001229; US 2000753329 A 20001229; US 2001828731 A 20010409; US 2001832381 A 20010411; US 2001832408 A 20010411; US 2001832437 A 20010411; US 2006500823 A 20060807; US 2007974523 A 20071011; US 2007980099 A 20071030; US 2007980100 A 20071030; US 2007980136 A 20071030; US 2007980296 A 20071030; US 2007981832 A 20071030; US 2007982342 A 20071031; US 2007982388 A 20071031

Patent Details

Number Kind Lan Pg Dwg Filing Notes

WO 2000017797 A1 EN 69 15

National Designated States, Original: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 199963929 A EN US 6199050 B1 EN Based on OPI patent WO 2000017797 Related to Provisional US 1998101141

Related to Provisional US 1998110846 Division of application US 1999252790

#### < removed unnecessary information>

Continuation of application US 2000753329 C-I-P of patent US 6230146 C-I-P of patent US 7249085 Continuation of patent US 7383206

Original Titles:

...Method and system for controlling closing times of electronic

auctions involving multiple lots...

Alerting Abstract ...NOVELTY - The closing time of primary lot is extended by an incremental amount of time, upon the occurrence of specific lot extension criterion related to the received bids. The closing time of secondary lot is extended when the closing time of primary lot precedes the closing time of secondary lot by less than specific time interval....defined at least on part by a buyer are offered to several potential sellers. Then, closing time for primary and secondary lots is defined, such that the bids for respective lots are to be submitted by the potential sells before the corresponding closing times. The closing time for secondary lot is being later than that for primary lot by preset time... ...ADVANTAGE - Enables flexible dynamic alterations of market closing times, line item decision rules, auction pause, bidder-specific bid limits and to detect and... Original Abstracts:

A method and system for conducting electronic auctions is described. A dynamic lot closing extension feature avoids collisions in closing times of multiple lots by dynamically extending the closing time of a subsequent lot if a preceding lot's closing time is extended to be too close to the subsequent lot's then-currently scheduled closing time. Scheduled closing times can be extended with a flexible overtime feature, in which the properties of the...

...bidding status of a lot can be set to a "pending" status after the nominal closing time for submission of bids to allow bidders to alert the auction coordinator of technical...

...The method comprises setting a lot having at least one product, setting at least a closing time for said lot, displaying a first status for said lot, said first status indicating that bids for said lot are accepted, monitoring said closing time and monitoring whether a trigger event relating to a technical disruption occurs prior to said closing time, wherein, if said trigger event occurs, further steps are initiated. The invention also relates...

...in a multi-lot electronic auction between an originator and the plurality of bidders. A closing time of the first lot precedes a closing time of the second lot. Bids are received from the plurality of bidders for the first lot. A closing time of the first lot is extended by an incremental amount of time upon an occurrence of an overtime trigger. If the difference in time between the extended closing time of the first lot precedes a closing time of the second lot by less than a minimum time interval, the closing time of the second lot is extended by the incremental amount of time...

#### < removed unnecessary information>

...coupled to the processor and configured to provide the processor with

instructions; wherein the first closing time corresponds to an end of the first time interval if the first closing time is not extended, and the first closing time corresponds to an end of the second time interval if the first time interval...

...an auction, comprising: defining a first time interval, a second time interval, and a first closing time for a first lot; receiving a first bid for the first lot; receiving a...

...a processor, a correlation between second bid and the first bid; and extending the first closing time using the second time interval if the correlation between the second bid and the first bid satisfies a tr...

#### B. Full-Text Databases - Patents

? show files; ds; cost; logoff hold

File 348: EUROPEAN PATENTS 1978-201125

(c) 2011 European Patent Office

File 349: PCT FULLTEXT 1979-2011/UB= 20110609 | UT= 20110602

(c) 2011 WIPO/Thomson

File 325: Chinese Patents Fulltext 1985-20110525

(c) 2011. SciPat Benelux NV.

#### Set Items Description

- 48 (MULTIPLE OR MULTI)()(LOT OR LOTS OR ITEM OR ITEMS OR UNIT OR UNITS)(2N)(AUCTION OR AUCTIONS OR AUCTIONING OR COMPETITIV-E()(BUYING OR PURCHAS??? OR BIDDING OR BIDS) OR (TRADING OR M-ATCHING)(2N)(SYSTEM OR SYSTEMS OR SERVICE) OR VENDUE OR VENDUES) OR MULTIAUCTION OR MULTIAUCTIONS
- 48 (MULTIPLE OR MULTI)()(LOT OR LOTS OR ITEM OR ITEMS OR UNIT OR UNITS)(2N)(AUCTION OR AUCTIONS OR AUCTIONING OR COMPETITIV-E()(BUYING OR PURCHAS??? OR BIDDING OR BIDS) OR (TRADING OR M-ATCHING)(2N)(SYSTEM OR SYSTEMS OR SERVICE) OR VENDUE OR VENDUES) OR MULTIAUCTION OR MULTIAUCTIONS
- 5 (SEQUENCE OR SEQUENCING OR CLOSING OR TIMING OR SPACING OR (STOP? OR "NOT"(1W)ACCEPT??? OR END??? OR CONCLUD???)(1N)(BID OR BIDS OR BIDDING OR OFFER??? OR PROFFER? ?))(2N)(RULE OR RULES OR PROCEDURE OR PROCEDURES OR PROTOCOL OR PROTOCOLS OR POLICY OR POLICIES OR ROUTINE? ?)
- S4 48 SECOND OR 2ND OR ANOTHER OR GREATER OR LARGER OR BIGGER OR SMALLER OR HIGHER OR LOWER OR LESS OR DIFFERENT
- S5 44 UTILITY OR USEFUL OR USEFULNESS OR VALUE OR VALUABLE OR WO-
- S6 48 CALCULAT??? OR FIGUR??? OR COMPUTE OR COMPUTED OR COMPUTES OR COMPUTING OR QUANTIF? OR FORMULA? ? OR EQUATION OR EQUATIONS OR FUNCTION OR FUNCTIONS OR PARAMETRIC OR BASED OR DERIV? OR ACCORDING?? OR DETERMINED?? OR CORRELAT??? OR ASSOCIATED OR SUGGESTED OR DEPEND???
- 3 (LOSS OR RISK OR RISKS OR VOLATIL?)(2N)(TOLERAN?? OR TOLER-AT??? OR AVERS??? OR AVERSENESS) OR CARA
- S8 0 S2(5N)S3
- S9 21 S4(3W)S5
- S10 1 S6(3N)S7
- S11 0 S8(S)S9(S)S10
- 40 SEQUENCE OR SEQUENCING OR CLOSING OR TIMING OR SPACING OR (STOP? OR "NOT"(1W)ACCEPT??? OR END??? OR CONCLUD???)(1N)(BID OR BIDS OR BIDDING OR OFFER??? OR PROFFER? ?)
- S13 1 S2(10N)S12
- S14 6 S2(S)S12
- S15 35 S12(S)(S5 OR S6 OR S7)

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S16
S17
S18
S2(2S)S15
S18
S3 OR S7 OR S10 OR S13 OR S14 OR S17
S19
S10
```

20/AN, AZ, TI/1 (Item 1 from file: 349)

DIALOG(R) File 349:(c) 2011 WIPO/Thomson. All rts. reserv.

01813279

2-PHASE AUCTION DESIGN AND IMPLEMENTATION

MISE EN OEUVRE ET CONCEPTION D'UNE VENTE AUX ENCHERES A 2 PHASES

Application: WO 2008US11810 20081016 (PCT/WO US2008011810)

Parent Application/Grant:

Related by Continuation to: US 2007980416 20071016 (CIP)

20/AN,AZ,TI/2 (Item 2 from file: 349)

DIALOG(R) File 349:(c) 2011 WIPO/Thomson. All rts. reserv.

01780030

SYSTEMS AND METHODS FOR PROVIDING RESOURCES ALLOCATION IN A NETWORKED ENVIRONMENT

SYSTEMES ET PROCEDES POUR FOURNIR L'ALLOCATION DES RESSOURCES DANS UN ENVIRONNEMENT EN RESEAU

Application: WO 2008US72364 20080806 (PCT/WO US2008072364)

20/AN,AZ,TI/3 (Item 3 from file: 349)

DIALOG(R) File 349:(c) 2011 WIPO/Thomson. All rts. reserv.

01652175

PRACTICAL SECRECY-PRESERVING, VERIFIABLY CORRECT AND TRUSTWORTHY AUCTIONS

PRATIQUES D'ENCHERES CONFIDENTIELLES, DONT L'EXACTITUDE ET LA FIABILITE PEUVENT ETRE VERIFIEES

Application: WO 2007US68373 20070507 (PCT/WO US2007068373)

20/AN,AZ,TI/4 (Item 4 from file: 349)

DIALOG(R) File 349:(c) 2011 WIPO/Thomson. All rts. reserv.

01649740

METHOD FOR ESTABLISHING A VALUE FOR A NON-MARKETABLE SECURITY PROCEDE POUR ETABLIR LA VALEUR D'UN TITRE NON NEGOCIABLE

Application: WO 2007US21521 20071009 (PCT/WO US2007021521)

20/AN, AZ, TI/5 (Item 5 from file: 349)

DIALOG(R) File 349:(c) 2011 WIPO/Thomson. All rts. reserv.

01608700

DIGITAL MARKETPLACE TO FACILITATE TRANSACTIONS OF CREATIVE WORKS

MARCHE NUMERIQUE FACILITANT LES TRANSACTIONS DE CREATIONS ARTISTIQUES

Application: WO 2007US15433 20070628 (PCT/WO US2007015433)

20/AN, AZ, TI/6 (Item 6 from file: 349)

DIALOG(R) File 349:(c) 2011 WIPO/Thomson. All rts. reserv.

01586780

IMPROVED AUTOMATED EXCHANGE FOR THE EFFICIENT ASSIGNMENT OF AUDIENCE ITEMS

ECHANGE AUTOMATISE AMERIORE PERMETTANT D'ATTRIBUER EFFICACEMENT DES ARTICLES D'AUDIENCE

Application: WO 2007US11620 20070514 (PCT/WO US2007011620)

20/AN, AZ, TI/7 (Item 7 from file: 349)

DIALOG(R) File 349:(c) 2011 WIPO/Thomson. All rts. reserv.

01521199

COMMERCIAL TRANSACTION FACILITATION SYSTEM

SYSTEME DE FACILITATION DE TRANSACTIONS COMMERCIALES

Application: WO 2006US45997 20061201 (PCT/WO US2006045997)

20/AN, AZ, TI/8 (Item 8 from file: 349)

DIALOG(R) File 349:(c) 2011 WIPO/Thomson. All rts. reserv.

01503250

CYCLICAL AUCTION SYSTEM SUPPORTING VARIABLE TERMINATION

SYSTEME D'ENCHERES CYCLIQUES A CLOTURE VARIABLE

Application: WO 2006US41437 20061023 (PCT/WO US2006041437)

20/AN,AZ,TI/9 (Item 9 from file: 349)

DIALOG(R) File 349:(c) 2011 WIPO/Thomson. All rts. reserv.

01488092

MULTIPLE OPTION AUCTION METHOD AND SYSTEM

SYSTEME ET PROCEDE DE VENTE AUX ENCHERES A PLUSIEURS OPTIONS

Application: WO 2006AU1337 20060913 (PCT/WO AU2006001337)

20/AN,AZ,TI/10 (Item 10 from file: 349)

DIALOG(R) File 349:(c) 2011 WIPO/Thomson. All rts. reserv.

01421246

SYSTEM FOR AND METHOD OF EXPRESSIVE SEQUENTIAL AUCTIONS IN A DYNAMIC ENVIRONMENT ON A NETWORK

SYSTEME ET PROCEDE DE VENTES AUX ENCHERES SEQUENTIELLES EXPRESSIVES DANS UN ENVIRONNEMENT DYNAMIQUE SUR UN RESEAU

Application: WO 2006US11854 20060331 (PCT/WO US2006011854)

20/AN, AZ, TI/11 (Item 11 from file: 349)

DIALOG(R) File 349:(c) 2011 WIPO/Thomson. All rts. reserv.

01346498

GAME THEORETIC PRIORITIZATION SCHEME FOR MOBILE AD HOC NETWORKS PERMITTING HIERARCHAL DEFERENCE

SYSTEME D'ETABLISSEMENT DE PRIORITES THEORIQUES DES JEUX POUR RESEAU AD HOC MOBILES PERMETTANT UNE DEFERENCE HIERARCHIQUE

Application: WO 2005US32113 20050909 (PCT/WO US2005032113)

20/AN, AZ, TI/12 (Item 12 from file: 349)

DIALOG(R) File 349:(c) 2011 WIPO/Thomson. All rts. reserv.

00864392

AUCTION SYSTEM AND METHOD

SYSTEME ET PROCEDE DE VENTE AUX ENCHERES

Application: WO 2001GB2582 20010613 (PCT/WO GB0102582)

20/AN,AZ,TI/13 (Item 13 from file: 349)

DIALOG(R) File 349:(c) 2011 WIPO/Thomson. All rts. reserv.

00820363

METHOD AND SYSTEM FOR CORRECTING MARKET FAILURES WITH PARTICIPANT ISOLATION IN DUTCH STYLE ONLINE AUCTIONS

PROCEDE ET SYSTEME DE CORRECTION DES DEFAILLANCES DU MARCHE LORS DE LA LOCALISATION D'UN PARTICIPANT DANS DES VENTES AUX ENCHERES EN LIGNE DE TYPE ENCHERES AU RABAIS

Application: WO 2001US2239 20010124 (PCT/WO US0102239)

20/AN, AZ, TI/14 (Item 14 from file: 349)

DIALOG(R) File 349:(c) 2011 WIPO/Thomson. All rts. reserv.

00809396

AUTOMATED EXCHANGE FOR THE EFFICIENT ASSIGNMENT OF AUDIENCE ITEMS ECHANGE AUTOMATISE POUR L'ATTRIBUTION EFFICACE DES PRODUITS D'AUDIENCE

Application: WO 2000US33179 20001208 (PCT/WO US0033179)

20/AN, AZ, TI/15 (Item 15 from file: 349)

DIALOG(R) File 349:(c) 2011 WIPO/Thomson. All rts. reserv.

00738060

INTEGRATED CAPITAL MARKET SYSTEM FOR SMALL ISSUERS, INCLUDING AUCTION SYSTEME INTEGRE DE MARCHES DES CAPITAUX POUR PETITS EMETTEURS, AVEC ENCHERES

Application: WO 2000US3493 20000210 (PCT/WO US0003493)

20/AN, AZ, TI/16 (Item 16 from file: 349)

DIALOG(R) File 349:(c) 2011 WIPO/Thomson. All rts. reserv.

00737987

GLOBALLY TIME-SYNCHRONIZED SYSTEMS, DEVICES AND METHODS

SYSTEMES GLOBALEMENT SYNCHRONISES DANS LE TEMPS

Application: WO 2000US5093 20000228 (PCT/WO US0005093)

Parent Application/Grant:

Related by Continuation to: US Not furnished (CIP)

20/3,K/1 (Item 1 from file: 349) DIALOG(R)File 349:PCT FULLTEXT

(c) 2011 WIPO/Thomson. All rts. reserv.

01813279 \*\* Image available\* \*

2-PHASE AUCTION DESIGN AND IMPLEMENTATION

MISE EN OEUVRE ET CONCEPTION D'UNE VENTE AUX ENCHERES A 2 PHASES Patent Applicant/Assignee:

CRA INTERNATIONAL INC, John Hancock Tower, T-33, 200 Clarendon Street, Boston, MA 02116, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

MOLDOVANU Benny, AM Quirinusbrunnen 14 C, 53129 Bonn, DE, DE (Residence),

IL (Nationality), (Designated only for: US)

MILLER Brad, 23 Planting Field Road, Medfield, MA 02052, US, US

(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

MIRABITO A Jason et al (agent), Mintz, Levin, Cohn, Ferris, Glovsky and

Popeo, P.C, One Financial Center, Boston, MA 02111, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200951751 A2-A3 20090423 (WO 0951751)

Application: WO 2008US11810 20081016 (PCT/WO US2008011810)

Priority Application: US 2007980416 20071016

Parent Application/Grant:

Related by Continuation to: US 2007980416 20071016 (CIP)

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+) AE AG AL AM AO AT AU AZ BA BB BG BH BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DO DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LY MA MD ME MG MK MN MW MX MY MZ NA NG NI NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM ST SV SY TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

- (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LT LU LV MC MT NL NO PL PT RO SE SI SK TR
- (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
- (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
- (EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English Filing Language: English

Fulltext Word Count: 11692

Fulltext Availability:
Detailed Description

- ...There can be one item in an auction, or multiple items (i.e., multi-part). Multiple items can be grouped, and can have pricing relationships among...
- ...can be established. For example, the auction quantities, starting prices, and schedule of rounds are determined. The auction manager can also establish the rules and guidelines to determine quantity adjustment rules...

...take place. The rules for establishing the bid selection criteria to determine winning bids and closing prices are also completed in the pre-auction step. At stage 58, an established auction closing rule 58 can determine when the auction is completed; how many items, if any, are sold...

20/3,K/6 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2011 WIPO/Thomson. All rts. reserv.

01586780 \*\*Image available\*\*

IMPROVED AUTOMATED EXCHANGE FOR THE EFFICIENT ASSIGNMENT OF AUDIENCE ITEMS

ECHANGE AUTOMATISE AMERIORE PERMETTANT D'ATTRIBUER EFFICACEMENT DES ARTICLES D'AUDIENCE

Patent Applicant/Assignee:

SIENA HOLDINGS LLC, 4513 Chase Avenue, Bethesda, MD 20814, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

BYKOWSKY Mark M, 4513 Chase Avenue, Bethesda, MD 20814, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

CALDERONE Lynda L et al (agent), Flaster/Greenberg P.c., 8 Penn Center, 15th Floor, 1628 John F. Kennedy Blvd., Philadelphia, PA 19103, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 2007133770 A2-A3 20071122 (WO 07133770)

Application: WO 2007US11620 20070514 (PCT/WO US2007011620)

Priority Application: US 2006799907 20060512

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+) AE AG AL AM AT AU AZ BA BB BG BH BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU I DIL IN IS JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LY MA MD ME MG MK MN MW MX MY MZ NA NG NI NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC MT NL PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English Fulltext Word Count: 41378

Fulltext Availability:
Detailed Description

... [0161] Under decision process 67, in the preferred embodiment, the system applies a closing rule whereby if there are no tentative trades between a buyer and a seller following order...

20/3,K/7 (Item 7 from file: 349) DIALOG(R)File 349:PCT FULLTEXT

(c) 2011 WIPO/Thomson. All rts. reserv.

01521199 \*\* Image available\* \*

COMMERCIAL TRANSACTION FACILITATION SYSTEM

SYSTEME DE FACILITATION DE TRANSACTIONS COMMERCIALES

Patent Applicant/Inventor:

SARKESHIK Shahriar, 19443 Superior St., Northridge, CA 91324, US, US (Residence), US (Nationality), (Designated for all)

Legal Representative:

HAMILTON Jennifer et al (agent), The Eclipse Group LLP, 10605 Balboa Blvd., Suite 300, Granada Hills, CA 91344, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200764884 A2 20070607 (WO 0764884)

Application: WO 2006US45997 20061201 (PCT/WO US2006045997) Priority Application: US 2005741849 20051201; US 2006790316 20060407 Designated States:

(All protection types applied unless otherwise stated - for applications 2004+) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MY MZ NA NG NI NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

- (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL PL PT RO SE SI SK TR
- (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
- (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
- (EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English Filing Language: English Fulltext Word Count: 23508

Fulltext Availability:
Detailed Description

... Return interaction procedure Account / Password (Our account in their system) Verification procedures Transaction format and procedures {
Sequence of events, procedures and information that need to be completed to finalize a transaction) Item information format Customer information...

20/3,K/8 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2011 WIPO/Thomson. All rts. reserv.

01503250 \*\*Image available\*\*
CYCLICAL AUCTION SYSTEM SUPPORTING VARIABLE TERMINATION
SYSTEME D'ENCHERES CYCLIQUES A CLOTURE VARIABLE
Patent Applicant/Assignee:

PATH-WISE CORPORATION, 310 West Spruce Street, Missoula, MT 59802, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

MULLENDORE Robert G, 125 Takima Drive, Missoula, MT 59803, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

PIRIO Maurice J et al (agent), Perkins Coie LLP, P.O. Box 1247, Seattle, WA 98111-1247, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200748060 A2-A3 20070426 (WO 0748060)

Application: WO 2006US41437 20061023 (PCT/WO US2006041437)
Priority Application: US 2005729502 20051021; US 2006813493 20060613; US 2006585786 20061023

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM GT HN HR HU ID IL IN IS JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MY MZ NA NG NI NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English Filing Language: English Fulltext Word Count: 10993

Fulltext Availability:
Detailed Description

- ... [0027] The termination mode of an auction can be unstructured, simultaneous, or sequential. An auction can have multiple lots and each lot can have multiple items. Sellers auction off lots, and bidders place bids to purchase lots. For example, a rancher may want...
- ...Because the bidding terminates at the same time, it would be impractical for an external auction to have multiple lots terminating simultaneously-as it would be difficult for human auctioneers to conduct and bidders to...
- ...one after another. For example, if a sequential auction has 5 lots with a specified sequence, then the bidding on the lots may take place in sequence with the bidding terminating for one lot before the bidding starts for the next lot in the sequence. A sequential auction allows bidders to adjust their bidding patterns based on their success in the bidding on the previous lots.
- ...one or more buyers may select one or more items of the lot if the auction specifies multi-item or fractionated lots (described below). A seller alternatively may elect to place any unsold items...

20/3,K/9 (Item 9 from file: 349) DIALOG(R)File 349:PCT FULLTEXT

(c) 2011 WIPO/Thomson. All rts. reserv.

01488092 \* \* Image available\* \*

MULTIPLE OPTION AUCTION METHOD AND SYSTEM

SYSTEME ET PROCEDE DE VENTE AUX ENCHERES A PLUSIEURS OPTIONS Patent Applicant/Assignee:

OZB2B PTY LTD, Level 6, 10 Queen Street, Melbourne, Victoria 3000, AU, AU (Residence), AU (Nationality), (For all designated states except: US) Patent Applicant/Inventor:

DU PREEZ Anthony, Level 6, 10 Queen Street, Melbourne, Victoria 3000, AU, AU (Residence), AU (Nationality),

Legal Representative:

ALLENS ARTHUR ROBINSON (agent), Patent and Trade Marks Attorneys, Stock Exchange Centre, 530 Collins St, Melbourne, Victoria 3000, AU

Patent and Priority Information (Country, Number, Date):

Patent: WO 200730873 A1 20070322 (WO 0730873)

Application: WO 2006AU1337 20060913 (PCT/WO AU2006001337) Priority Application: AU 2005905045 20050913; AU 2006901525 20060323 Designated States:

(All protection types applied unless otherwise stated - for applications 2004+) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HN HR HU ID IL IN IS JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MY MZ NA NG NI NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SK SL SM SV SY TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English Filing Language: English Fulltext Word Count: 16560

Fulltext Availability: Detailed Description

... automatically replicated at each of the remote auction services. WO-2000/17797 describes a lot closing extension feature for use in multiple lot B2B auction events. If two lot periods are to finish too closely together, one lot period is...

20/3,K/10 (Item 10 from file: 349) DIALOG(R)File 349:PCT FULLTEXT (c) 2011 WIPO/Thomson. All rts. reserv.

01421246 \* \* Image available\* \*

SYSTEM FOR AND METHOD OF EXPRESSIVE SEQUENTIAL AUCTIONS IN A DYNAMIC ENVIRONMENT ON A NETWORK

SYSTEME ET PROCEDE DE VENTES AUX ENCHERES SEQUENTIELLES EXPRESSIVES DANS UN ENVIRONNEMENT DYNAMIQUE SUR UN RESEAU

Patent Applicant/Assignee:

COMBINENET INC, Fifteen 27th Street, Pittsburgh, PA 15222, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

SANDHOLM Tuomas, 1 Trimont Lane, #520b, Pittsburgh, PA 15211, US, US (Residence), FI (Nationality),

PARKES David C, 215 Green Street, Cambridge, MA 02139, US, US (Residence), GB (Nationality),

BOUTILIER Craig E, 23 Brownstone Lane, Toronto, Ontario M8X2Z6, CA, CA (Residence), CA (Nationality),

Legal Representative:

NOTZEN Randall A et al (agent), The Webb Law Firm, 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 2006105377 A2-A3 20061005 (WO 06105377)

Application: WO 2006US11854 20060331 (PCT/WO US2006011854)
Priority Application: US 2005667249 20050331; US 2005680894 20050513; US 2005697775 20050708

**Designated States:** 

(All protection types applied unless otherwise stated - for applications 2004+)
AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KN KP KR
KZ LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU LV MC NL PL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English Fulltext Word Count: 50919

Fulltext Availability: Detailed Description

... x,bids,q)}} <<= B. (c), Vi, where 2' >>= 1 is some parameter to tune how risk-averse the optimizer is in its interpretation of the model. Similar constraints can be expressed for...

...c,x,bids,q)}] <<= B., Vi, where 72 >>= 1 is another parameter to tune how risk-averse the optimizer is in its interpretation of the model, and B\* is used here to...

20/3,K/12 (Item 12 from file: 349) DIALOG(R)File 349:PCT FULLTEXT

(c) 2011 WIPO/Thomson. All rts. reserv.

00864392

AUCTION SYSTEM AND METHOD

SYSTEME ET PROCEDE DE VENTE AUX ENCHERES

Patent Applicant/Assignee:

ETEATRADE LTD, 5 Rotunda, Upper Hampstead Walk, London NW3 1DE, GB, GB (Residence), GB (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

HEDGES Nicholas James, Willowtree House, Nevill Court, Tunbridge Wells, Kent TN4 8NL, GB, GB (Residence), GB (Nationality), (Designated only for: US) Legal Representative:

COLLINS John David (agent), Marks & Clerk, 57-60 Lincolns Inn Fields, London WC2A 3LS, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200197106 A2 20011220 (WO 0197106)

Application: WO 2001GB2582 20010613 (PCT/WO GB0102582)

Priority Application: GB 200014821 20000616

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English Filing Language: English Fulltext Word Count: 9333

Fulltext Availability:
Detailed Description

- ... auction system a surging of bids near a fixed time of the auction is avoided. Closing time for an auction of a bid is entirely dependent upon auction participant bidding behaviour and thus for a lot, the bids can be more...
- ...preferred embodiment of the present invention, the auction system and cess provides for the auctioning of multiple lots simultancously. The system can receive bids for different lots and maintain information on the highest...

### III. <u>Text Search Results from Dialog - NPL</u>

#### A. Abstract Databases - NPL

? show files; ds; cost; logoff hold

File 139: EconLit 1969-2011/May

(c) 2011 American Economic Association

File 583: Gale Group Globalbase (TM) 1986-2002/Dec 13

(c) 2002 Gale/Cengage

File 474: New York Times Abs 1969-2011/Jun 28

(c) 2011 The New York Times

File 475: Wall Street Journal Abs 1973-2011/Feb 14

(c) 2011 The New York Times

File 35: Dissertation Abs Online 1861-2011/May

(c) 2011 ProQuest Info&Learning

File 65:Inside Conferences 1993-2011/Jun 28

(c) 2011 BLDSC all rts. reserv.

File 99: Wilson Appl. Sci & Tech Abs 1983-2011/May

(c) 2011 The HW Wilson Co.

File 256: TecTrends 1982-2011/Apr W1

(c) 2011 Info. Sources Inc. All rights res.

File 2: INSPEC 1898-2011/Jun W3

(c) 2011 The IET

#### Set Items Description

- 497 (MULTIPLE OR MULTI)()(LOT OR LOTS OR ITEM OR ITEMS OR UNIT OR UNITS)(2N)(AUCTION OR AUCTIONS OR AUCTIONING OR COMPETITIV-E()(BUYING OR PURCHAS??? OR BIDDING OR BIDS) OR (TRADING OR M-ATCHING)(2N)(SYSTEM OR SYSTEMS OR SERVICE) OR VENDUE OR VENDUES) OR MULTIAUCTION OR MULTIAUCTIONS
- 497 (MULTIPLE OR MULTI)()(LOT OR LOTS OR ITEM OR ITEMS OR UNIT OR UNITS)(2N)(AUCTION OR AUCTIONS OR AUCTIONING OR COMPETITIV-E()(BUYING OR PURCHAS??? OR BIDDING OR BIDS) OR (TRADING OR M-ATCHING)(2N)(SYSTEM OR SYSTEMS OR SERVICE) OR VENDUE OR VENDUES) OR MULTIAUCTION OR MULTIAUCTIONS
- 1 (SEQUENCE OR SEQUENCING OR CLOSING OR TIMING OR SPACING OR (STOP? OR "NOT"(1W)ACCEPT??? OR END??? OR CONCLUD???)(1N)(BID OR BIDS OR BIDDING OR OFFER??? OR PROFFER? ?))(2N)(RULE OR RULES OR PROCEDURE OR PROCEDURES OR PROTOCOL OR PROTOCOLS OR POLICY OR POLICIES OR ROUTINE? ?)
- S4 206 SECOND OR 2ND OR ANOTHER OR GREATER OR LARGER OR BIGGER OR SMALLER OR HIGHER OR LOWER OR LESS OR DIFFERENT
- S5 89 UTILITY OR USEFUL OR USEFULNESS OR VALUE OR VALUABLE OR WORTH
- S6 220 CALCULAT??? OR FIGUR??? OR COMPUTE OR COMPUTED OR COMPUTES OR COMPUTING OR QUANTIF? OR FORMULA? ? OR EQUATION OR EQUATIONS OR FUNCTION OR FUNCTIONS OR PARAMETRIC OR BASED OR DERIV? OR ACCORDING?? OR DETERMINED?? OR CORRELAT??? OR ASSOCIATED OR

```
SUGGESTED OR DEPEND???
S7
       14 (LOSS OR RISK OR RISKS OR VOLATIL?)(2N)(TOLERAN?? OR TOLER-
       AT??? OR AVERS??? OR AVERSENESS) OR CARA
S8
        0 S2(5N)S3
        3 S4(3W)S5
S9
S10
        2 S6(3N)S7
S11
        0 S8(S)S9(S)S10
S12
        21 (SEQUENCE OR SEQUENCING OR CLOSING OR TIMING OR SPACING OR
        (STOP? OR "NOT"(1W)ACCEPT??? OR END??? OR CONCLUD???)(1N)(BID
       OR BIDS OR BIDDING OR OFFER??? OR PROFFER? ?))
S13
        1 S3(5N)S12
S14
        13 S12(S)(S6 OR S7)
        13 S12 AND (S6 OR S7)
S15
        6 S14 NOT (PY> 2004 OR PD= 20040115: 20041231)
S16
S17
        6 RD (unique items)
17/6/1
         (Item 1 from file: 139)
762763
TITLE: Sequential vs. Single-Round Uniform-Price Auctions
PUBLICATION DATE: 2004
17/6/2
         (Item 2 from file: 139)
494698
TITLE: A Two Stage Sequential Auction with Multi-unit Demands
PUBLICATION DATE: 1999
         (Item 1 from file: 35)
17/6/3
01946119 ORDER NO: AADAA-I3088444
Auctions and simulation-based optimization in revenue management
 Year: 2003
17/6/4 (Item 2 from file: 35)
01944280 ORDER NO: AADAA-13087934
Reputation in ascending and second-price auctions
 Year: 2003
17/6/5 (Item 3 from file: 35)
01912235 ORDER NO: AADAA-13066247
Multi-unit online ascending price auctions: Mechanism design, evaluation, and calibration
 Year:
        2002
```

17/6/6 (Item 4 from file: 35)

01521921 ORDER NO: AAD97-01260

A THEORETICAL AND EMPIRICAL INVESTIGATION OF MULTI-UNIT AUCTIONS WITH

DIMINISHING MARGINAL VALUATIONS (BIDDER BEHAVIOR, PRICES)

Year: 1996

17/3,K/1 (Item 1 from file: 139)

DIALOG(R) File 139: EconLit

(c) 2011 American Economic Association. All rts. reserv.

#### 762763

TITLE: Sequential vs. Single-Round Uniform-Price Auctions

AUTHOR(S): Mezzetti, Claudio; Pekec, Aleksandar; Tsetlin, Ilia

AUTHOR(S) AFFILIATION: University of North Carolina; The Fuqua School of

Business, Duke University; INSEAD

PUBLICATION INFORMATION: Fondazione Eni Enrico Mattei, Working Papers: 2004.147

PUBLICATION DATE: 2004

LANGUAGE: English

AVAILABILTY:

http://www.feem.it/NR/rdonlyres/1FC3E366-9637-4EA8-B3D2-367F152D32AE/13

52/14704.pdf

DOCUMENT TYPE: Working Paper ABSTRACT INDICATOR: Abstract

ABSTRACT: We study sequential and single-round uniform-price auctions with

affiliated values. We derive symmetric equilibrium for the

auction in which k1 objects are sold in the first round...

... and without revelation of the first-round winning bids. We demonstrate that auctioning objects in sequence generates a lowballing effect that reduces first-round revenue. Thus, revenue is greater in a...

17/3,K/2 (Item 2 from file: 139)

DIALOG(R) File 139: EconLit

(c) 2011 American Economic Association. All rts. reserv.

#### 494698

TITLE: A Two Stage Sequential Auction with Multi-unit Demands

AUTHOR(S): Katzman, Brett

AUTHOR(S) AFFILIATION: U Miami

JOURNAL NAME: Journal of Economic Theory,

JOURNAL VOLUME & ISSUE: 86 1,

PAGES: 77-99

PUBLICATION DATE: 1999

LANGUAGE: English

AVAILABILTY: http://www.sciencedirect.com/science/journal/00220531

ISSN: 0022-0531

DOCUMENT TYPE: Journal Article ABSTRACT INDICATOR: Abstract

ABSTRACT: Working within the independent private values paradigm, the

author examines a sequence of two second price auctions where

individual bidders have diminishing marginal valuations. Equilibria are characterized...

... outcomes and an expectation of increasing prices. These divergent

findings are reconciled using an argument based on ex ante bidder asymmetry that can also explain the declining price anomaly. Finally, comparisons...

17/3,K/3 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2011 ProQuest Info&Learning. All rts. reserv.

01946119 ORDER NO: AADAA-I3088444

Auctions and simulation-based optimization in revenue management

Author: Vulcano, Gustavo Jose

Degree: Ph.D. Year: 2003

Corporate Source/Institution: Columbia University (0054)

Source: VOLUME 64/04-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1886. 173 PAGES

...In the first essay, a seller with < italic> C</italic> units to sell faces a sequence of buyers separated into < italic> T</italic> time periods. The problem is to find the...

...price auction mechanisms maximize the seller's expected revenue. We also show explicitly how to compute and implement these optimal auctions. The optimal auctions are then compared to a traditional revenue...

...a simple auction heuristic that consists of allocating units to each period and running a sequence of standard, multi-unit auctions with fixed reserve prices.

17/3,K/5 (Item 3 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2011 ProQuest Info&Learning. All rts. reserv.

01912235 ORDER NO: AADAA-13066247

Multi-unit online ascending price auctions: Mechanism design, evaluation, and calibration

Author: Karuga, Gilbert Gathunguri

Degree: Ph.D. Year: 2002

Corporate Source/Institution: The University of Connecticut (0056)

Source: VOLUME 63/10-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 3640. 109 PAGES

ISBN: 0-493-85699-4

...second study uses available information to make inferences about bidder valuations. Using such information, we derive < italic> a priori</italic> estimates of the bidders valuations. We present an analytical model that predicts a consumer's valuation for a product, based on the joint consideration of the bidding strategy pursued and the bid values revealed, both...

...Samsclub.com. Our data analysis is able to accurately "type" the bidding strategy based on observable variables, and is successful at predicting the bidder's eventual valuation. The third... ...auctions through realtime calibration. We develop an analytical model

for the auctioneer's revenue and derive optimal < italic> dynamic bid increments < / italic>. We compare the auction outcomes based on the analytically prescribed bid increments and heuristics that are motivated by a deterministic effort to order the bidders' sequence as they approach the final bidding round. Our empirical analysis indicates that auctioneers can derive the same or more expected revenue with fewer bidding cycles.

17/3,K/6 (Item 4 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2011 ProQuest Info&Learning. All rts. reserv.

01521921 ORDER NO: AAD97-01260

A THEORETICAL AND EMPIRICAL INVESTIGATION OF MULTI-UNIT AUCTIONS WITH DIMINISHING MARGINAL VALUATIONS (BIDDER BEHAVIOR, PRICES)

Author: KATZMAN, BRETT ERIC

Degree: PH.D. Year: 1996

Corporate Source/Institution: DUKE UNIVERSITY (0066)

Source: VOLUME 57/08-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 3621. 125 PAGES

...The final chapter in the dissertation uses the equilibrium behavior derived in the incomplete information game for a sequence of second price auctions. This behavior displays a higher level of shading of first round...

#### B. Full-text Databases - NPL

? show files; ds; cost; logoff hold

File 634: San Jose Mercury Jun 1985-2011/Jun 26

(c) 2011 San Jose Mercury News

File 610: Business Wire 1999-2011/Jun 28

(c) 2011 Business Wire.

File 613: PR Newswire 1999-2011/Jun 28

(c) 2011 PR Newswire Association Inc

File 810: Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire

File 813: PR Newswire 1987-1999/Apr 30

(c) 1999 PR Newswire Association Inc

File 20: Dialog Global Reporter 1997-2011/Jun 26

(c) 2011 Dialog

File 626: Bond Buyer Full Text 1981-2008/Jul 07

(c) 2008 Bond Buyer

File 268: Banking Info Source 1981-2011/Jun W3

(c) 2011 ProQuest Info&Learning

File 9: Business & Industry(R) Jul/1994-2011/Jun 27

(c) 2011 Gale/Cengage

File 15: ABI/Inform(R) 1971-2011/Jun 27

(c) 2011 ProQuest Info&Learning

File 16: Gale Group PROMT(R) 1990-2011/Jun 23

(c) 2011 Gale/Cengage

File 148: Gale Group Trade & Industry DB 1976-2011/Jun 24

(c) 2011 Gale/Cengage

File 160: Gale Group PROMT(R) 1972-1989

(c) 1999 The Gale Group

File 275: Gale Group Computer DB(TM) 1983-2011/May 05

(c) 2011 Gale/Cengage

File 621: Gale Group New Prod. Annou. (R) 1985-2011/Apr 26

(c) 2011 Gale/Cengage

File 636: Gale Group Newsletter DB(TM) 1987-2011/Jun 24

(c) 2011 Gale/Cengage

File 267: Finance & Banking Newsletters 2008/Sep 29

(c) 2008 Dialog

File 624: McGraw-Hill Publications 1985-2011/Jun 28

(c) 2011 McGraw-Hill Co. Inc.

File 625: American Banker Publications 1981-2008/Jun 26

(c) 2008 American Banker

Set Items Description

590 (MULTIPLE OR MULTI)()(LOT OR LOTS OR ITEM OR ITEMS OR UNIT OR UNITS)(2N)(AUCTION OR AUCTIONS OR AUCTIONING OR COMPETITIV-E()(BUYING OR PURCHAS??? OR BIDDING OR BIDS) OR (TRADING OR MATCHING)(2N)(SYSTEM OR SYSTEMS OR SERVICE) OR VENDUE OR VENDU-

- ES) OR MULTIAUCTION OR MULTIAUCTIONS
- 590 (MULTIPLE OR MULTI)()(LOT OR LOTS OR ITEM OR ITEMS OR UNIT OR UNITS)(2N)(AUCTION OR AUCTIONS OR AUCTIONING OR COMPETITIV-E()(BUYING OR PURCHAS??? OR BIDDING OR BIDS) OR (TRADING OR M-ATCHING)(2N)(SYSTEM OR SYSTEMS OR SERVICE) OR VENDUE OR VENDUES) OR MULTIAUCTION OR MULTIAUCTIONS
- 5 (SEQUENCE OR SEQUENCING OR CLOSING OR TIMING OR SPACING OR (STOP? OR "NOT"(1W)ACCEPT??? OR END??? OR CONCLUD???)(1N)(BID OR BIDS OR BIDDING OR OFFER??? OR PROFFER? ?))(2N)(RULE OR RULES OR PROCEDURE OR PROCEDURES OR PROTOCOL OR PROTOCOLS OR POLICY OR POLICIES OR ROUTINE? ?)
- S4 304 SECOND OR 2ND OR ANOTHER OR GREATER OR LARGER OR BIGGER OR SMALLER OR HIGHER OR LOWER OR LESS OR DIFFERENT
- S5 312 UTILITY OR USEFUL OR USEFULNESS OR VALUE OR VALUABLE OR WORTH
- S6 411 CALCULAT??? OR FIGUR??? OR COMPUTE OR COMPUTED OR COMPUTES OR COMPUTING OR QUANTIF? OR FORMULA? ? OR EQUATION OR EQUATIONS OR FUNCTION OR FUNCTIONS OR PARAMETRIC OR BASED OR DERIV? OR ACCORDING?? OR DETERMINED?? OR CORRELAT??? OR ASSOCIATED OR SUGGESTED OR DEPEND???
- S7 24 (LOSS OR RISK OR RISKS OR VOLATIL?)(2N)(TOLERAN?? OR TOLER-AT??? OR AVERS??? OR AVERSENESS) OR CARA
- S8 0 S2(5N)S3
- S9 41 S4(3W)S5
- S10 3 S6(3N)S7
- S11 0 S8(S)S9(S)S10
- 76 SEQUENCE OR SEQUENCING OR CLOSING OR TIMING OR SPACING OR (STOP? OR "NOT"(1W)ACCEPT??? OR END??? OR CONCLUD???)(1N)(BID OR BIDS OR BIDDING OR OFFER??? OR PROFFER? ?)
- S13 1 S2(10N)S12
- S14 13 S2(S)S12
- S15 37 S12(S)(S6 OR S7)
- S16 47 S3 OR S10 OR S13 OR S14 OR S15
- S17 19 S16 NOT (PY> 2004 OR PD= 20040115: 20041231)
- S18 13 RD (unique items)

18/6/1 (Item 1 from file: 813) 1339612 SFM060

MOAI Technologies Announces LiveExchange 2.1

DATE: September 14, 1998 WORD COUNT: 1,272

18/6/2 (Item 1 from file: 15)

02715613 549132331 \*\* USE FORMAT 7 OR 9 FOR FULL TEXT\* \*

Procurement Auctions in E-Commerce

Fall 2003 LENGTH: 14 Pages

WORD COUNT: 7082

18/6/3 (Item 2 from file: 15)

02510630 264353591

Optimal dynamic auctions for revenue management

Nov 2002

18/6/4 (Item 3 from file: 15)

01915156 05-66148 \*\* USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

The efficiency of multi-unit electricity auctions

1999 LENGTH: 28 Pages

WORD COUNT: 8467

18/6/5 (Item 4 from file: 15)

01831872 04-82863

A two stage sequential auction with multi-unit demands

May 1999 LENGTH: 23 Pages

18/6/6 (Item 5 from file: 15)

01765223 04-16214 \*\* USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

Instability of equilibria in experimental markets: Upward-sloping demands,

externalities, and fad-like incentives

Jan 1999 LENGTH: 22 Pages

WORD COUNT: 7055

18/6/7 (Item 6 from file: 15)

01655768 03-06758

Existence of optimal auctions in general environments

May 1998 LENGTH: 30 Pages

18/6/8 (Item 7 from file: 15)

00726596 93-75817 \*\* USE FORMAT 7 OR 9 FOR FULL TEXT\*\*

An Analysis of Potential Treasury Auction Techniques

Jun 1992 LENGTH: 11 Pages

WORD COUNT: 6545

18/6/9 (Item 1 from file: 148)

12122241 SUPPLIER NUMBER: 59599017 (USE FORMAT 7 OR 9 FOR FULL TEXT)

MARKET STABILITY: BACKWARD-BENDING SUPPLY IN A LABORATORY EXPERIMENTAL

MARKET. Jan. 2000

WORD COUNT: 8109 LINE COUNT: 00744

18/6/10 (Item 2 from file: 148)

07926863 SUPPLIER NUMBER: 17052682 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Pricing of differentially taxed securities: experimental evidence.

Spring, 1995

WORD COUNT: 7500 LINE COUNT: 00657

18/6/11 (Item 3 from file: 148)

07556715 SUPPLIER NUMBER: 16369628 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Economies of scale, natural monopoly, and imperfect competition in an experimental market.

Oct, 1994

WORD COUNT: 9106 LINE COUNT: 00719

18/6/12 (Item 4 from file: 148)

05842539 SUPPLIER NUMBER: 12071953 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Designing call auction institutions: is double Dutch the best?

Jan, 1992

WORD COUNT: 5389 LINE COUNT: 00420

18/6/13 (Item 1 from file: 275)

02555388 SUPPLIER NUMBER: 80011027 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Insights and analyses of online auctions: exploring the structure and

mechanisms for online mercantile processes and bidding strategies. (Cover Story).

Nov, 2001

WORD COUNT: 4704 LINE COUNT: 00426

18/3,K/2 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02715613 549132331

Procurement Auctions in E-Commerce Barrett, Robert T; Pugh, Robert E

Southern Business Review v29n1 PP: 1-14 Fall 2003

ISSN: 0884-1373 JRNL CODE: SBRV

WORD COUNT: 7082

...TEXT: well-developed, except for the case where bidders demand only a single unit each." The multiple unit auction in which bidders demand multiple units is, however, "the most active field of current research...

...this type involve dealing with collusion, complementsrism, and other complexities that do not arise in multi-unit procurement auctions for commodity items. Collusion refers to the exchanging information and price setting during the bidding process by bidders. Complementarism arises when items or objects have different values to bidders depending on whether they win or fail to win complementary items or objects, which may, in turn, cause other bidders to stop bidding earlier than otherwise (Klemperer, 2003). While collusion and complementarism are important issues in auctions such as auctioning rights to mobile-phone service areas, they have little relevance for multi-unit procurement auctions of commodities because of the restricted bidding periods allowed in such procurement auctions and because...

18/3,K/3 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02510630 264353591

Optimal dynamic auctions for revenue management Vulcano, Gustavo; van Ryzin, Garrett; Maglaras, Costis Management Science v48n11 PP: 1388-1407 Nov 2002 ISSN: 0025-1909 JRNL CODE: MCI ABSTRACT: A dynamic auction, in which a seller with C units to sell faces a sequence of buyers separated into T time periods, is analyzed. Each

...a simple auction heuristic that consists of allocating units to each period and running a sequence of standard, multi-unit auctions with fixed reserve prices in each period. The optimal auction significantly outperforms both suboptimal mechanisms...

18/3,K/5 (Item 4 from file: 15)

group of buyers has independent...

DIALOG(R)File 15:ABI/Inform(R) (c) 2011 ProQuest Info&Learning. All rts. reserv.

01831872 04-82863

A two stage sequential auction with multi-unit demands Katzman, Brett

Journal of Economic Theory v86n1 PP: 77-99 May 1999

ISSN: 0022-0531 JRNL CODE: IJET

ABSTRACT: Working within the independent private values paradigm, a sequence of 2 second price auctions where individual bidders have diminishing marginal valuations is examined. Equilibria...

...outcomes and an expectation of increasing prices. These divergent findings are reconciled using an argument based on ex ante bidder asymmetry that can also explain the declining price anomaly. Finally, comparisons...

18/3,K/7 (Item 6 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01655768 03-06758
Existence of optimal auctions in general environments
Page, Frank H Jr
Journal of Mathematical Economics v29n4 PP: 389-418 May 1998
ISSN: 0304-4068 JRNL CODE: JMC
...ABSTRACT: as well as for contract auctions with moral hazard and adverse selection. In all cases, risk aversion and multidimensional, stochastically dependent types are allowed for.

18/3,K/11 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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07556715 SUPPLIER NUMBER: 16369628 (USE FORMAT 7 OR 9 FOR FULL TEXT) Economies of scale, natural monopoly, and imperfect competition in an experimental market.

Plott, Charles R.; Sugiyama, Alexandre Borges; Elbaz, Gilad Southern Economic Journal, v61, n2, p261(27) Oct. 1994

ISSN: 0038-4038 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT WORD COUNT: 9106 LINE COUNT: 00719

... markets opened at the same time for trading. Sellers were informed about the market demand function in market B but they knew nothing about the market demand function in market A. Since market A followed standard procedures for MUDA markets, (2) only the timing and the...

18/3,K/13 (Item 1 from file: 275)
DIALOG(R) File 275: Gale Group Computer DB(TM)
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02555388 SUPPLIER NUMBER: 80011027 (USE FORMAT 7 OR 9 FOR FULL TEXT) Insights and analyses of online auctions: exploring the structure and mechanisms for online mercantile processes and bidding strategies. (Cover Story). Bapna, Ravi; Goes, Paulo; Gupta, Alok Communications of the ACM, 44, 11, 42(9) Nov, 2001 ISSN: 0001-0782 LANGUAGE: English RECORD TYPE: Fulltext WORD COUNT: 4704 LINE COUNT: 00426 ... list of current winning bidders, the bid increment, the minimum

required bid, and the auction closing time are all continuously updated on the Web. Auction durations typically range from one-hour express auctions to day-long regular auctions-Figure 1 depicts such an auction. Unlike traditional, single-item English auctions, a new bidder's ...bid to re-enter the winning list. This process continues until the pre-announced auction closing time, which is preceded by a "going, going, gone" period. Auctioneers typically close the auction if the pre-announced closing time has passed and there are no new bids in the last five minutes. Onsale...

...the term "Yankee Auctions" to name such auctions but we prefer to describe them as Multiple Item Progressive Electronic Auctions (MIPEA).

## IV. Additional Resources Searched

Searches were done in two template files not available through DIALOG, the Internet and Personal Computing Abstracts and the Financial Times, but there were no results.